

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query                          | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------------------------|--|------------------|---------|------------------|
| L4    | 13   | ("3878992").URPN.                     | USPAT  | OR               | ON      | 2010/06/01 12:10 |
| L5    | 3    | ("3547052"   "3878992").PN.           | US-PGPUB; USPAT; USOCR                                   | OR               | ON      | 2010/06/01 12:13 |
| L7    | 13   | ("3878992").URPN.                     | USPAT  | OR               | ON      | 2010/06/01 12:13 |
| L8    | 4    | ("4368684").URPN.                     | USPAT  | OR               | ON      | 2010/06/01 12:14 |
| L9    | 22   | "5402834"                             | USPAT  | OR               | ON      | 2010/06/01 12:24 |
| L10   | 5    | "4368684"                             | USPAT  | OR               | ON      | 2010/06/01 12:31 |
| S1    | 18   | "731344"                              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/23 14:57 |
| S2    | 732  | (small near4 capillary) same quantity | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/23 17:17 |
| S3    | 356  | (foil same (capillary near4 tube\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/23 17:21 |
| S4    | 875  | (roughness near4 tube\$2)             | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/23 17:33 |
| S5    | 14   | S4 and wettability                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/09/23 17:33 |

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|-----|------|--|--|----|----|------------------|
| S6  | 50   | (roughness near4 tube\$2) and (wett\$5)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/23 17:34 |
| S7  | 108  | ((weighing or weight) near3 balance) same (dispensed or dosed) same (material or substance)                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/26 18:10 |
| S8  | 150  | ((weighing or weight) near3 balance) same (dispensed or dosed) same (material or substance or fluid or liquid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/26 18:10 |
| S9  | 20   | ("5402834").URPN.  | USPAT  | OR | ON | 2010/05/26 18:22 |
| S10 | 8    | ("5544684").URPN.  | USPAT  | OR | ON | 2010/05/26 18:24 |
| S11 | 21   | "4350186"  | USPAT  | OR | ON | 2010/05/26 18:30 |
| S12 | 21   | "5402834"  | USPAT  | OR | ON | 2010/05/26 18:34 |
| S13 | 20   | ("5402834").URPN.  | USPAT  | OR | ON | 2010/05/26 18:45 |
| S14 | 2560 | nozzles near4 different near4 sizes  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/26 18:46 |
| S15 | 25   | S14 and graduated  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/26 18:46 |
| S16 | 4385 | nozzles near10 different near10 sizes  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/26 18:48 |

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| S17 | 1423 | S16 and pump  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/26<br>18:48 |
| S18 | 31   | S17 and foil  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/26<br>18:49 |
| S19 | 7600 | (nozzles or dispenser or needles or syringes) near10 different near10 sizes   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/26<br>18:51 |
| S20 | 771  | S19 and ("222"/\$ or "422"/\$)  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/26<br>18:51 |
| S21 | 203  | S19 and ("222"/\$ or "422"/\$) and (load or balance)                          | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/26<br>18:53 |
| S22 | 22   | "5402834"   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/27<br>16:08 |
| S23 | 8597 | (nozzles or dispenser or needles or syringes) near10 different near10 size\$2 | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/27<br>16:09 |
| S24 | 721  | S23 and "222"/\$  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/27<br>16:09 |

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| S25 | 67  | S23 and "222"/\$ and proportional   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/27<br>16:12 |
| S26 | 19  | ("4029236").URPN.   | USPAT   | OR | ON | 2010/05/27<br>16:17 |
| S27 | 141 | nagpaul.xa.   | USPAT   | OR | ON | 2010/05/27<br>16:22 |
| S28 | 1   | ("5928952").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/05/27<br>16:25 |
| S29 | 8   | ("4965049"   "5087423"  <br>"5209903"   "5332549"  <br>"5362648"   "5623415"  <br>"5757695"   "5800777").<br>PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/05/27<br>16:27 |
| S30 | 32  | ("5928952").URPN.   | USPAT   | OR | ON | 2010/05/27<br>16:27 |
| S31 | 61  | ((robotic near3 arm) same<br>(rotational or rotation\$3))<br>and (well near2 plate)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/27<br>16:31 |
| S32 | 2   | ("2002/0146832").URPN.  | USPAT   | OR | ON | 2010/05/27<br>16:32 |
| S33 | 20  | ("20010048899"  <br>"20020018733"  <br>"4035377"   "4897015"  <br>"5458749"   "5516402"  <br>"5587062"   "5592289"  <br>"5626735"   "5645800"  <br>"5865975"   "5949899"  <br>"5985214"   "5993627"  <br>"6060022"   "6064754"  <br>"6179980"   "6207031"  <br>"6267927"   "6331437").<br>PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/05/27<br>16:33 |
| S34 | 42  | ("5592289").URPN.   | USPAT   | OR | ON | 2010/05/27<br>16:34 |
| S35 | 28  | ("5993746").URPN.   | USPAT   | OR | ON | 2010/05/27<br>16:34 |

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| S36 | 87  | ("20020009391"   "20020009392"   "4106911"   "4349275"   "4675300"   "4737464"   "4861554"   "4908112"   "4963498"   "4978503"   "5096807"   "5104621"   "5122342"   "5126022"   "5140161"   "5144139"   "5164598"   "5171132"   "5171534"   "5188963"   "5192405"   "5271724"   "5273718"   "5277556"   "5277780"   "5278048"   "5294795"   "5296375"   "5304487"   "5324591"   "5372695"   "5375979"   "5380493"   "5384261"   "5395503"   "5427946"   "5429734"   "5439649"   "5445939"   "5483843"   "5486335"   "5496697"   "5498392"   "5519635"   "5560811"   "5571410"   "5585069"   "5592289"   "5593838"   "5605662"   "5614415"   "5620894"   "5637469"   "5650075"   "5654200"   "5658723"   "5674454"   "5730850"   "5735387"   "5773298"   "5780754"   "5876670"   "5942443"   "5955028"   "5968331"   "5972187"   "5985215"   "5989402"   "5993746"   "6027691"   "6068393"   "6086740"   "6103193"   "6103199"   "6106781"   "6117392"   "6148878"   "6182719"   "6207031"   "6245297"   "6251343"   "6255116"   "6267927"   "6299840"   "6306659"   "6358471"   "6360792").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:35 |
| S37 | 5   | ((incub\$6 or heat\$4) near4 station) and (well near4 plate) and (arm same fork)  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:37 |
| S38 | 750 | ((incub\$6 or heat\$4) near4 station) and (well near4 plate)  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:38 |
| S39 | 104 | S38 and (arm) and "422"/\$  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:38 |

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|-----|-----|--|------------------------|----|----|------------------|
| S40 | 11  | ("20020006359"   "4342407"   "5045047"   "5217572"   "5334130"   "5472672"   "5707331"   "5770455"   "5849598"   "5961923"   "6264891").PN.  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:43 |
| S41 | 0   | (single near3 heating near5 station) same (micowell)   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:44 |
| S42 | 2   | (heating near5 station) same (micowell)  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:45 |
| S43 | 11  | ("3300090"   "3443706"   "3752361"   "4747390"   "5105980"   "5328258"   "5335810"   "5788114"   "6004020").PN.  | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:45 |
| S44 | 8   | ("6193102").URPN.  | USPAT                  | OR | ON | 2010/05/27 16:45 |
| S45 | 134 | ("1885138"   "20010000487"   "20020030598"   "20020196146"   "20030021021"   "20030119200"   "20030122673"   "20040032330"   "20040203089"   "20050084425"   "20050100981"   "20050112034"   "20050137272"   "20050147538"   "20050226770"   "20070104618"   "20070116612"   "20070166834"   "20080138854"   "2749909"   "2776596"   "2996762"   "3224434"   "3257279"   "3527863"   "3587872"   "3624197"   "3679450"   "3691097"   "3814670"   "3874851"   "3961097"   "3982862"   "3996326"   "4025306"   "4199558"   "4219334"   "4220252"   "4224277"   "4261474"   "4340066"   "4353856"   "4427614"   "4435507"   "4439319"   "4497792"   "4545831"   "4557903"   "4569647" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:46 |

|     |    |   |                           |    |    |                     |
|-----|----|---|---------------------------|----|----|---------------------|
|     |    | "4576796"   "4627129"  <br>"4656047"   "4695339"  <br>"4752347"   "4801553"  <br>"4817631"   "4820504"  <br>"4834943"   "4839194"  <br>"4849173"   "4870975"  <br>"4887612"   "4893982"  <br>"4961432"   "4962036"  <br>"4971783"   "4971912"  <br>"4984355"   "4985206"  <br>"4997100"   "5024830"  <br>"5047008"   "5057546"  <br>"5077012"   "5080869"  <br>"5115816"   "5132758"  <br>"5137710"   "5143714"  <br>"5170800"   "5172700"  <br>"5217479"   "5224488"  <br>"5272093"   "5284753"  <br>"5308758"   "5312758"  <br>"5318589"   "5340551"  <br>"5354370"   "5360828"  <br>"5411885"   "5427742"  <br>"5609827"   "5650327"  <br>"5665398"   "5683786"  <br>"5702185"   "5718916"  <br>"5817032"   "5867102"  <br>"5919553"   "5928934"  <br>"5963368"   "5968436"  <br>"6017476"   "6148878"  <br>"6193102"   "6207408"  <br>"6289682"   "6387653"  <br>"6395373"   "6411434"  <br>"6486783"   "6489171"  <br>"6495104"   "6498032"  <br>"6560837"   "6797928").<br>PN. OR ("7005110"  <br>"7156814"   "7179424"  <br>"D330257"   "D448487").<br>PN. |                           |    |    |                     |
| S46 | 62 | S45 and plate   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/05/27<br>16:47 |
| S47 | 34 | ("5415060"   "5772966"  <br>"5865224"   "5988236").<br>PN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/05/27<br>16:53 |
| S48 | 37 | ("6148878").URPN.   | USPAT                     | OR | ON | 2010/05/27<br>16:54 |

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|-----|----|---|------------------------|----|----|------------------|
| S49 | 25 | ("3650306"   "4151931"   "4427415"   "4461328"   "4772487"   "4948442"   "5047215"   "5055408"   "5201348"   "5266272"   "5273718"   "5306420"   "5324480"   "5348606"   "5415060"   "5487872"   "5620894"   "5645723"   "5824224"   "5928952"   "5939024"   "6039211"   "6106783"   "6148878"   "6182719").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:54 |
| S50 | 11 | ("1906723"   "1998343"   "3606513"   "4643879"   "4676951"   "4871290"   "4930640"   "5094516").PN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:55 |
| S51 | 10 | ("4246339"   "4304865"   "4493815"   "4642220"   "4681742"   "4777021"   "4895706"   "4931400"   "4931402"   "5108703").PN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2010/05/27 16:58 |
| S52 | 21 | ("4335837").URPN.   | USPAT                  | OR | ON | 2010/05/27 17:05 |

**EAST Search History (Interference)**

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**6/1/2010 12:47:20 PM****C:\ Documents and Settings\ jnagpaul\ My Documents\ EAST\ Workspaces\ 10514401\ 10514401.wsp**